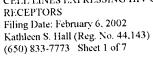
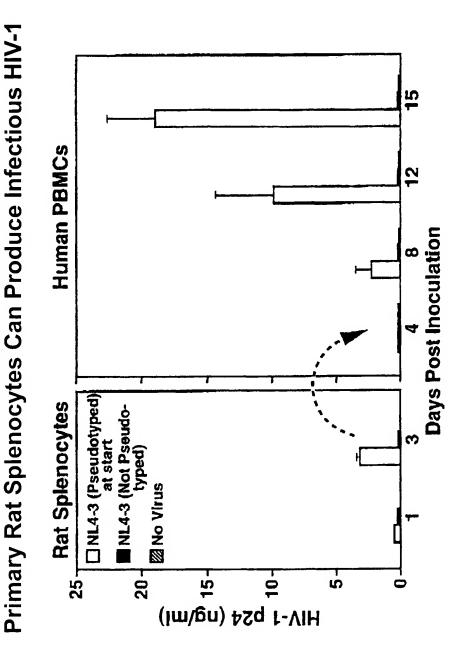
U.S. Patent Application Serial No. To Be Assigned Title: TRANSGENIC RODENTS AND RODENT CELL LINES EXPRESSING HIV CO-RECEPTORS



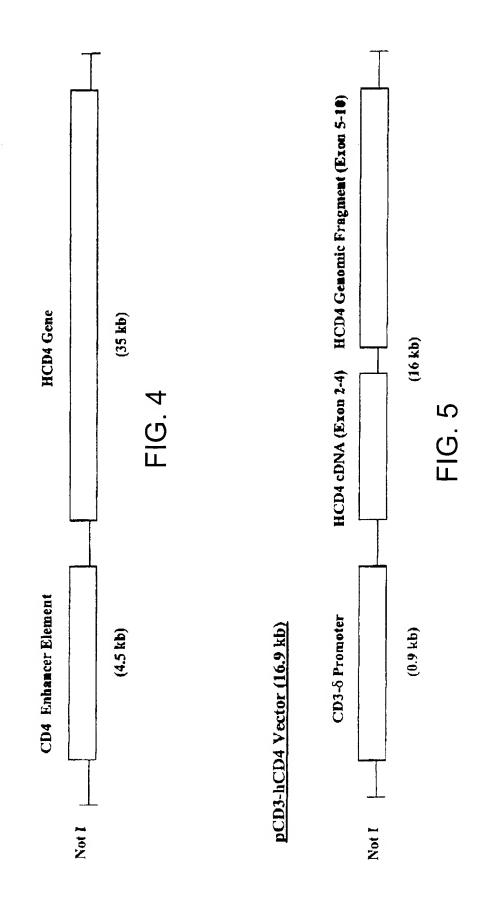


FIG

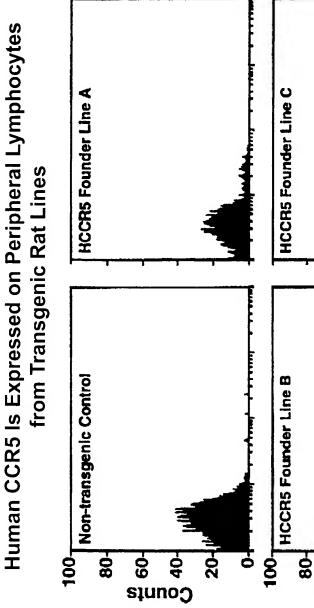
U.S. Patent Application Serial No. To Be Assigned Title: TRANSGENIC RODENTS AND RODENT CELL LINES EXPRESSING HIV CO-RECEPTORS Filing Date: February 6, 2002 Kathleen S. Hall (Reg. No. 44,143) (650) 833-7773 Sheet 2 of 7 HCXCR4 cDNA HCCR5 cDNA (1.2 kb) (1.3 kb) FIG. 3 HCD4 Intron I HCD4 Intron I FIG. 2 (8.4 kb) (8.4 kb) CD4 Euhancer/Promotor CD4 Enhancer/Promoter pCD4-hCCR5 Vector (13.2 kb) (0.9 kb)(0.9 kb)Not I Not I

pCD4-bCXCR4 Vector (13.3 kb)





U.S. Patent Application Serial No. To Be Assigned Title: TRANSGENIC RODENTS AND RODENT CELL LINES EXPRESSING HIV CO-RECEPTORS
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Kathleen S. Hall (Reg. No. 44,143)
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Anti-human CCR5-PE Anti-human CCR5-PE strno၁ ဇို ဇို 20-

FIG. 6

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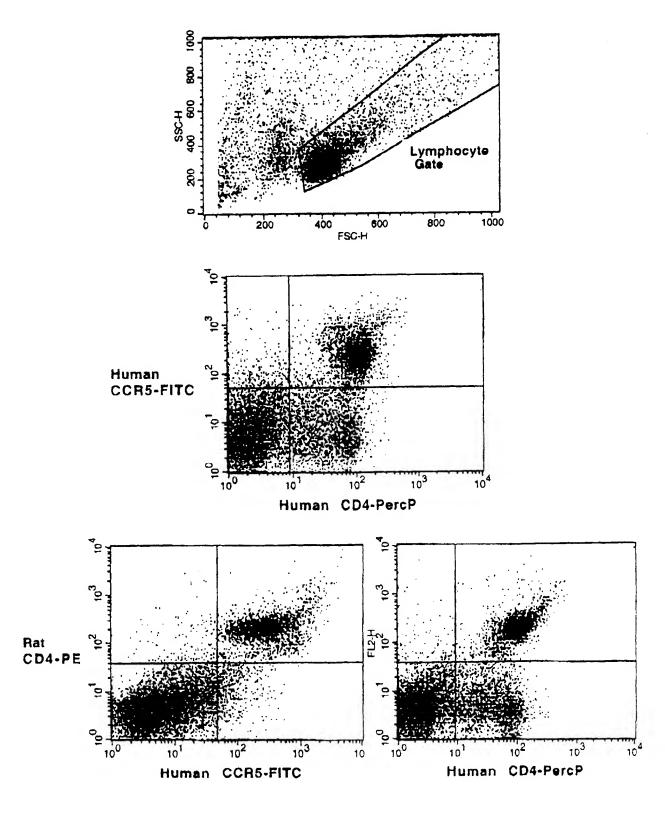


FIG. 7

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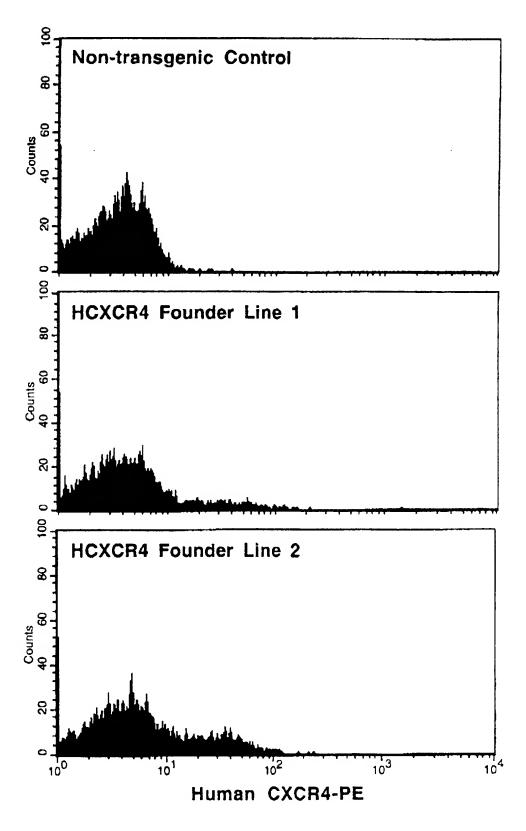


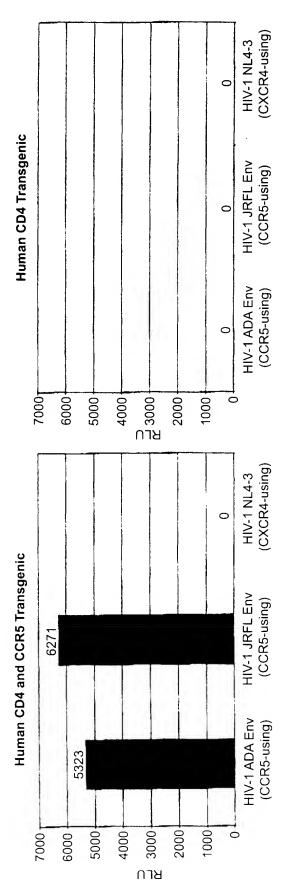
FIG. 8

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FIG. 9

Infection of Transgenic Rat Plenocytes with Pseudotyped HIV-1 Luciferase Reporter Viruses



Viral Envelope

Viral Envelope